

<b>STN</b>	<b>Letectvo a kozmonautika. Elektrické kruhové konektory spojené spojkou so závitom, ohňovzdorné alebo neohňovzdorné, pre trvalú prevádzkovú teplotu od -65 °C do 175 °C, 200 °C a špičkovú teplotu 260 °C. Časť 014: Zásuvka so štvorcovou prírubou s integrovaným príslušenstvom. Norma na výrobok.</b>	<b>STN EN 2997-014</b>  31 1751
------------	---	---

Aerospace series - Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures -65 C to 175 C continuous, 200 C continuous, 260 C peak - Part 014: Square flange receptacle with integrated accessory - Product standard

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/16

Obsahuje: EN 2997-014:2016

Oznámením tejto normy sa ruší  
STN EN 2997-014 (31 1751) z novembra 2011

**123710**

---

Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, 2017  
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

EUROPEAN STANDARD

**EN 2997-014**

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2016

ICS 49.060

Supersedes EN 2997-014:2011

English Version

**Aerospace series - Connectors, electrical, circular, coupled  
by threaded ring, fire-resistant or non fire-resistant,  
operating temperatures -65 °C to 175 °C continuous, 200  
°C continuous, 260 °C peak - Part 014: Square flange  
receptacle with integrated accessory - Product standard**

Série aérospatiale - Connecteurs électriques circulaires  
à accouplement par bague fileté, résistant au feu ou  
non, températures d'utilisation - 65 °C à 175 °C  
continu, 200 °C continu, 260 °C en pointe - Partie 014 :  
Embase à fixation par collerette carrée avec accessoire  
intégré - Norme de produit

Luft- und Raumfahrt - Elektrische Rundsteckverbinder  
mit Schraubkupplung, feuerbeständig oder nicht  
feuerbeständig, Betriebstemperaturen -65 °C bis 175  
°C konstant, 200 °C konstant, 260 °C Spitze - Teil 014:  
Fester Steckverbinder mit quadratischem  
Montageflansch und integriertem Endgehäuse -  
Produktnorm

This European Standard was approved by CEN on 4 April 2016.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

## Contents

European foreword.....	3
1 Scope.....	3
2 Normative references.....	3
3 Terms and definitions.....	4
4 Required characteristics.....	4
5 Designation.....	8
6 Marking.....	9
7 Technical specification.....	9

## European foreword

This document (EN 2997-014:2016) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this European Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2017, and conflicting national standards shall be withdrawn at the latest by January 2017.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 2997-014:2011.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## 1 Scope

This standard specifies the characteristics of square flange mounted receptacles with integrated accessory in the family of circular electrical connectors coupled by threaded ring.

It applies to class defined in Table 3.

For contacts, filler plugs associated with this receptacle, see EN 2997-002. For plugs, see EN 2997-008 and EN 2997-016 and for protective covers, see EN 2997-009.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references,

EN 2997-001, *Aerospace series - Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures - 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak - Part 001: Technical specification*

EN 2997-002, *Aerospace series - Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures - 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak - Part 002: Specification of performance and contact arrangements*

EN 2997-008, *Aerospace series - Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures - 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak - Part 008: Plug - Product standard*

**EN 2997-014:2016 (E)**

EN 2997-009, *Aerospace series - Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures - 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak - Part 009: Protective cover for receptacle - Product standard*

EN 2997-016, *Aerospace series - Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures -65 °C to 175°C continuous, 200°C continuous, 260°C peak - Part 016: Plug with integrated accessory - Product standard*

EN 3155-002, *Aerospace series - Electrical contacts used in elements of connection - Part 002: List and utilization of contacts*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**